SECOND ANNUAL
LUNG CANCER UPDATE
Advances in Screening, Diagnostics and Therapeutics
January 15, 2016
The William and Ida Friday Center for Continuing Education
University of North Carolina at Chapel Hill
Chapel Hill, North Carolina

This activity has been approved for AMA PRA Category 1 Credits™.

This course has been endorsed by the American Thoracic Society.

Co-provided by

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CONTINUING MEDICAL EDUCATION

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DESCRIPTION
The Johns Hopkins University and University of North Carolina at Chapel Hill Divisions of Pulmonary and Critical Care Medicine, as well as the UNC Lineberger Comprehensive Cancer Center, are pleased to present the second annual update in lung cancer screening, diagnostics and therapeutics. Through this accredited CME activity, we will cover new recommendations and cutting edge research in the area of lung cancer.

Lung cancer is the leading cause of cancer death in the United States, with an estimated 220,000 new diagnoses of lung cancer in 2014 resulting in an estimated 150,000 deaths, making lung cancer more deadly than breast, prostate and colon cancer combined. Although the number of new cases of lung cancer is declining, the death rate continues to be a staggering one. Among new diagnoses in the United States, approximately 40% occur in current smokers, 40% in former smokers, and 20% in patients who have never smoked. Difficulties faced in the treatment of lung cancer are compounded by the frequent late stage of diagnosis in combination with associated environmental and genetic factors.

Recent advances in lung cancer research have provided improved understanding, stratification and screening recommendations for non-small cell lung cancer. This has led to a further research which has and continues to identify targetable molecular and genetic mutations. As our knowledge improves, the previous approach to lung cancer detection and treatment continues to undergo immense change. We are now entering an era of personalized therapy in which lung cancer is characterized by specific potentially targetable genetic alterations. Recognizing these targets, developing and testing targeted chemotherapeutics and evaluating mechanisms of tumor resistance require a multi-disciplinary approach and collaborative efforts. In addition, understanding best practices in tumor detection, tissue acquisition and processing is of utmost importance. Added to advances in our understanding of lung cancer genetic, recent research has shown that a phase shift in lung cancer diagnosis can be achieved through a thorough and well developed lung cancer screening program. This research has led to a recent USPST guide recommendation for lung cancer screen in a select group of high risk individuals.

Bridging the gap between what physicians understand about cancer detection, biology, its application to clinical oncology and advances in radiotherapy and surgery make implementation of the cutting edge of treat the standard of care. Moreover, facilitating the interface between different disciplines of physicians and scientists has and will continue to increase our knowledge as a medical community.

WHO SHOULD ATTEND
This activity is intended for family practitioners, internists, oncologists, pulmonologists, radiation oncologists, and thoracic surgeons.

OBJECTIVES
After attending this activity, the participant will demonstrate the ability to:
- Explain current guidelines and recommendations for lung cancer screening.
- Identify and describe updates and advances in chemotherapy treatment for patients with advanced lung cancer.
- Discuss new advances in immunotherapy in the treatment of lung cancer.
- Evaluate patients with newly diagnosed lung nodules.
- Discuss the side effects associated with new chemotherapeutic agents and their management.

ACCREDITATION STATEMENT
The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION STATEMENT
The Johns Hopkins University School of Medicine designates this live activity for a maximum of 6.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

OTHER CREDITS
American Academy of Nurse Practitioners National Certification Program
American Academy of Nurse Practitioners National Certification Program accepts AMA PRA Category 1 Credit™ from organizations accredited by the ACCME.

American Academy of Physician Assistants
American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by ACCME. Physician assistants may receive a maximum of 6.25 AAPA Category 1 CME credits for completing this program.

American Nurses Credentialing Center
American Nurses Credentialing Center (ANCC) accepts AMA PRA Category 1 Credit™ from organizations accredited by the ACCME.

Contact Hours for Non-Physicians
The Johns Hopkins University has approved this activity for 6.25 contact hours for non-physicians.

POLICY ON SPEAKER AND PROVIDER DISCLOSURE
It is the policy of the Johns Hopkins University School of Medicine that the speaker and provider disclose real or apparent conflicts of interest relating to the topics of this educational activity, and also disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentation(s). The Johns Hopkins University School of Medicine OCME has established policies in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the activity handout materials.

ACTIVITY CO-DIRECTORS
Adam Belanger, MD
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Chapel Hill, North Carolina

Stephen Bernard, MD, FACP
Professor of Medicine
Co-Director, Palliative Care Program
Physician in Charge, Supportive Care Consultation Service and Clinic
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Chapel Hill, North Carolina

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Assistant Professor of Surgery
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Chapel Hill, North Carolina

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Thoracic and Head and Neck Cancer Programs
Emory University School of Medicine
Atlanta, Georgia

Timothy Zagar, MD
Associate Professor of Radiation Oncology
Associate Director, CyberKnife Radiosurgery Program
Department of Radiation Oncology
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Chapel Hill, North Carolina

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Atlanta, Georgia

Momen Wahidi, MD, MBA, FCCP
Assistant Professor of Medicine
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Duke University School of Medicine
Duke Cancer Center
Durham, North Carolina

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**PROGRAM**  January 15, 2016

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<tr>
<th>Time</th>
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<tr>
<td>8:00 - 8:30</td>
<td>Registration and Continental Breakfast</td>
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<td>8:30 - 9:00</td>
<td>An Overview of Lung Cancer in 2015</td>
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<td>Lonny Yarmus, DO, FCCP</td>
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<td>9:00 - 9:30</td>
<td>New Paradigms in Lung Cancer Screening</td>
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<td>Maria Patricia Rivera, MD</td>
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<td>9:30 - 10:00</td>
<td>My Patient has a Lung Nodule – Now What?</td>
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<td>A. Christine Argento, MD</td>
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<td>10:00 - 10:30</td>
<td>Refreshment Break</td>
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<td>10:30 - 11:00</td>
<td>Novel Non-Invasive Detection of Lung Cancer</td>
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<td>Momen Wahidi, MD, MBA, FCCP</td>
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<td>11:00 - 11:30</td>
<td>Minimally Invasive Detection of Lung Cancer</td>
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<td>Jason Akulian, MD, MPH</td>
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<td>11:30 - 12:00</td>
<td>Questions and Answers</td>
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<td>12:00 - 1:00</td>
<td>Lunch</td>
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<td>1:00 - 1:30</td>
<td>Surgical Updates – Minimally Invasive Surgery for Lung Cancer</td>
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<td>Jason Long, MD, MPH</td>
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<td>1:30 - 2:00</td>
<td>Updates in Radiosurgery – SBRT and Side Effect Management</td>
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<td>Timothy Zagar, MD</td>
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<td>2:00 - 2:30</td>
<td>Targeted Therapies and Novel Molecular Targets</td>
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<td>Jared Weiss, MD</td>
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<td>2:30 - 2:45</td>
<td>Refreshment Break</td>
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<td>2:45 - 3:15</td>
<td>The Role of the Nurse Navigator in Multidisciplinary Lung Cancer Care</td>
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<td>Tammy Allred, RN, OCN</td>
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<td>3:15 - 3:45</td>
<td>Palliative Care in Multidisciplinary Lung Cancer Care</td>
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<td>Stephen Bernard, MD, FACP</td>
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<td>Case Based Panel Discussion</td>
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<td>Adam Belanger, MD</td>
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<td>4:15 - 4:30</td>
<td>Questions and Answers</td>
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*This schedule is subject to change. The Johns Hopkins University School of Medicine takes responsibility for the content, quality and scientific integrity of this CME activity.

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**REGISTRATION**

January 15, 2016 • 8:00 a.m. – 8:30 a.m.

**LOCATION**

The William and Ida Friday Center for Continuing Education
100 Friday Center Drive
Chapel Hill, North Carolina 27517

The Friday Center is located approximately three miles east of the University of North Carolina-Chapel Hill campus, just off Highway 54 East (Raleigh Road). The Center is a short distance from Interstate 40 (from Raleigh, I-40 exit 273A; from Greensboro, I-40 exit 273).

Directions and campus parking information are available at http://fridaycenter.unc.edu/index.html. Complimentary parking is available at the Friday Center. Handicapped parking is available. Smoking is prohibited in the building and within 100 feet of the exterior.

**FEES**

**REGISTRATION CUT-OFF DATE: JANUARY 8, 2016**

**Methods of Payment:** Payment by check or credit card must accompany the registration form prior to the activity. On-site payments by credit card only. Foreign payments must be by credit card or with a U.S. Dollar World Money Order. The registration fee includes instructional materials, continental breakfast, refreshment breaks and lunch.

Physicians.................................................................................................................................................$200
Residents*/Fellows*/Nurses/Nurse Practitioners/Physician Assistants/Allied Health Professionals...........................................................................................................$100

*with verification of status

Syllabus (optional printed B/W) .................................................................................................................$45

You will receive a confirmation by e-mail if you have provided your e-mail address. Otherwise confirmation will be sent by mail. If you have not received it by January 8, 2016, call (410) 502-9634 to confirm that you are registered. A certificate of attendance will be sent by March 7, 2016 to the e-mail address you provide on the registration form.

The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee but is not responsible for travel expenses. Additionally, we reserve the right to change the venue to a comparable venue. Under such circumstances registrants will be notified as soon as possible.

**LATE FEE AND REFUND POLICY**

A $50 late fee applies to registrations received after 5:00 p.m. ET on January 8, 2016. A handling fee of $50 will be deducted for cancellation. An additional fee may apply for cancellation of other events, including workshops and social activities. Refund requests must be received by fax or mail by January 8, 2016. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins conference in lieu of cancellation is not possible.

**SYLLABUS**

All registrants will receive a flash drive with the slides and paper for note-taking. This is included in the cost of your registration. A link to the syllabus will be provided via email shortly before the activity begins if you prefer to study or print the syllabus. A printed copy may be ordered at the time of registration for an additional fee of $45. The printed copy will be provided during activity registration. Cancellations or refunds for the printed copy will not be permitted.

**HOTEL AND TRAVEL INFORMATION**

We strongly encourage you to book your accommodations at the Courtyard by Marriott Chapel Hill, which is the conference headquarters hotel. The Johns Hopkins Office of CME makes every effort to secure the best rate for overnight accommodations. The rate is part of a negotiated conference package that incorporates many services. By staying at the host hotel and booking within the room block, you help us maintain current conference rates.

**TO REGISTER or FOR FURTHER INFORMATION**

Register Online (credit card and eCheck)   www.HopkinsCME.edu
Register by Phone (credit card only)        (410) 502-9634
Register by Fax                           (866) 510-7088
Confirmation/Certificates              (410) 502-9634
General Information                     (410) 955-2959
E-mail the Office of CME                 cmenet@jhmi.edu

Follow us on Twitter: http://twitter.com/HopkinsCME
Facebook: http://www.facebook.com/HopkinsCME
For general information, the direct link for this CME activity web page is: http://www.hopkinscme.edu/CourseDetail.aspx/80036412.
benefits and keep future registration fees reasonable. Please consider this when making your overnight accommodations decision.

Courtyard by Marriott Chapel Hill  (800) 321-2211
100 Marriott Way  (919) 883-0700
Chapel Hill, North Carolina 27517  (919) 883-0701 (fax)
Group Reservation Web Site:  http://tinyurl.com/nnzwk2b

HOTEL RESERVATION CUT-OFF DATE: DECEMBER 15, 2015
A limited block of sleeping rooms has been reserved for your convenience and will be available on a first come, first served basis.

The Courtyard by Marriott Chapel Hill, located in downtown Chapel Hill, is the best in the area as it is only one mile from the UNC campus, shopping and restaurants. The hotel is located across the street from the Friday Center. Enjoy a smoke-free environment, complimentary WiFi and a spacious work desk in your guest room to drive productivity. Make your reservation online at http://tinyurl.com/nnzwk2b or call the hotel directly and specify that you are attending the Johns Hopkins Lung Cancer Update conference to receive the special group rate of $124, single or double, plus tax. Complimentary parking is available. Check-in time is 3:00 p.m. Checkout time is 12:00 noon.

EVALUATION
A form will be available to attendees to evaluate each session and each speaker’s presentation, as well as to identify future educational needs.

OUTCOMES SURVEY
A survey will be sent to all physician attendees within three months post activity to assist us in determining what impact this activity had on the attendee’s practice.

EMERGENCY CALLS
On January 15, 2016, direct emergency calls to (919) 962-3000 and ask that a message be sent to the Johns Hopkins Lung Cancer registration desk. Messages will be posted for participants.

AMERICANS WITH DISABILITIES ACT
The Johns Hopkins University School of Medicine and the University of North Carolina at Chapel Hill School of Medicine fully comply with the legal requirements of the ADA and the rules and regulations thereof. Please notify us if you have any special needs.

ACKNOWLEDGMENT
Applications for commercial support from health care related industries are pending. A complete list of contributors will be provided in the syllabus. Please note that commercial support received is solely for the educational component of the activity and will not be used to provide food and beverage.

Please note: The Physician Payments Sunshine Act was enacted by Congress to increase public awareness of financial relationships between drug and medical device manufacturers and physicians. In compliance with the requirements of this Act, the commercial supporter/s of this activity may require the Johns Hopkins University School of Medicine to report certain professional information (such as name, address, National Provider Identifier (NPI), and State License number) of physician attendees who receive complimentary food and beverage in conjunction with a CME activity. The commercial supporter is required to submit the collected data to the Centers for Medicare and Medicaid Services which will then publish the data on its website.

REGISTRATION FORM
Course Number 80036412
Second Annual Lung Cancer Update: Advances in Screening, Diagnostics and Therapeutics
Friday, January 15, 2016

TO REGISTER: Online (credit card and eCheck): www.HopkinsCME.edu
By fax: (866) 510-7088 | By phone (credit card only): (410) 502-9634
Or mail this form to the Johns Hopkins University, Office of Continuing Medical Education, P.O. Box 64128, Baltimore, Maryland 21264-4128. Include check payable to HOPKINS/80036412, or include credit card information below.

PAYMENT MUST ACCOMPANY FORM TO CONFIRM YOUR REGISTRATION.
☐ I am a speaker for this activity.

Please type or print clearly:

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You will receive a confirmation notice and your attendance certificate by e-mail if you provide your e-mail address.

☐ Check here if you wish to receive e-mail notices about upcoming CME activities.

☐ I plan to stay at the Courtyard by Marriott Chapel Hill in Chapel Hill, North Carolina.

What do you hope to learn by attending this activity?

Please notify us if you have any special needs.

Registration Fees
☐ Physicians.................................................................$200
☐ Residents*/Fellows*/Nurses/Nurse Practitioners/Physician Assistants/ Allied Health Professionals ...............................................$100
*with verification of status
☐ Syllabus (optional printed B/W) ......................................$45

The registration fee includes instructional materials and food and beverage. For registrations received after 5:00 p.m. ET on January 8, 2016, include a $50 late fee. On-site registrations are payable only by credit card.

Payment Type:
☐ JHU Faculty/Staff Only: If you are using your Tuition Remission Benefit or an ION budget, please complete this registration form and return with appropriate payment processing form to OCME, Turner 20. Forms can be found on-line at http://www.hopkinscme.edu/Resources/resources.aspx.

☐ Check (See instructions on top of form.)
☐ Credit Card:  ☐ VISA  ☐ MASTERCARD  ☐ DISCOVER  ☐ AMEX

Card #____________ - ________ - ________ - ________ Exp. Date ________

Total amount enclosed $__________

Name on Card  Signature and Date